

NOTICE AND NECESSARY INFORMATION (NANI)

This form is to assist compliance with the bulk sewage (biosolids) notification requirements [503.12(f)]. Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.

Facility and Biosolids Type:: NWWRP Compliance

Monitoring Period: 7/1/15 To: 8/31/15

Name	Concentration (mg/Kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) Monthly Average	Ceiling Concentrations* (Table I, 40 CFR 503.13) Daily Maximum
Arsenic	< 21	41	75
Cadmium	< 2.1	39	85
Chromium	70	1200	3000
Copper	360	1500	4300
Lead	< 21	300	840
Mercury	0.78	17	57
Molybdenum	9.6	N/A**	75
Nickel	36	420	420
Nitrogen Concen	50700	N/A	N/A
Selenium	28	36	100
Zinc	610	2800	7500

* Biosolids may not be land applied if any pollutant exceeds these values.

** EPA has temporarily removed molybdenum limits from Table 3, Table 2 and Table

B. Pathogen Reduction (40CFR 503.32) -- Please indicate the level achieved

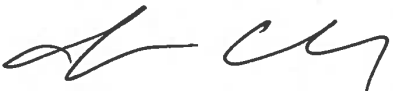
☐ Class A ☒ Class B

C. Vector Attraction Reduction (40CFR 503.33) -- Please indicate the option performed

☒ Option 1 ☐ Option 2 ☐ Option 3 ☐ Option 4
☐ Option 5 ☐ Option 6 ☐ Option 7 ☐ Option 8
☐ No vector attraction reduction options were performed

D. Certification

I certify, under penalty of law, that the information that will be used to determine compliance with the Class B pathogen requirements in §503.32(b) and the vector attraction reduction requirement in §503.33(b)(1) was prepared under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

A. Name and Official Title Jennifer Hetherington, Wastewater Compliance Specialist	B. Area Code and Telephone Number 480-644-3890
C. Signature 	D. Date Signed 8/3/15

Laboratory Sample ID: 150709007

**CITY OF MESA COMPLIANCE LABORATORY****640 NORTH MESA DRIVE MESA, ARIZONA 85211**

Environmental Laboratory License AZ0410

LABORATORY SUPERVISOR: MATTHEW REXING Ph (480)644-5403

QUALITY ASSURANCE COORDINATOR: Amy Cervinske Ph (480)644-6901

Attn: Jennifer Hetherington

OrderID: 150709007

CollectDate: 7/8/2015

Collection Time: 6:50:00 PM

Collector: L. Melendez

Sample Number: 15070244

ReceiveDate: 7/9/2015

Customer Sample#:

Project ID: NWWRP BIOSOLIDS

Site: NWWRP Biosolids

RESULTS

Parameter	Method No	MRL	Qualifier	Result	Analysis Date	Analyst
Nitrogen, Ammonia Total	SM4500-NH3D	209	D2	6280 mg/Kg-dry	7/16/2015	PSERIA
Cyanide, Total	EPA 9014	33		< 33 mg/Kg-dry	7/13/2015	TAL
Arsenic, Total	EPA 6010B	21		< 21 mg/Kg-dry	7/17/2015	TAL
Cadmium, Total	EPA 6010B	2.1		< 2.1 mg/Kg-dry	7/17/2015	TAL
Chromium, Total	EPA 6010B	8.2		70 mg/Kg-dry	7/17/2015	TAL
Copper, Total	EPA 6010B	21		360 mg/Kg-dry	7/17/2015	TAL
Lead, Total	EPA 6010B	21		< 21 mg/Kg-dry	7/17/2015	TAL
Molybdenum, Total	EPA 6010B	8.2		9.6 mg/Kg-dry	7/17/2015	TAL
Nickel, Total	EPA 6010B	8.2		36 mg/Kg-dry	7/17/2015	TAL
Selenium, Total	EPA 6010B	21		28 mg/Kg-dry	7/17/2015	TAL
Silver, Total	EPA 6010B	10		< 10 mg/Kg-dry	7/17/2015	TAL
Zinc, Total	EPA 6010B	41		610 mg/Kg-dry	7/17/2015	TAL
Mercury, Total	EPA 7471A	0.37		0.78 mg/Kg-dry	7/21/2015	TAL
Nitrogen, Nitrate-Nitrite Total	EPA 9056	4.2		< 4.2 mg/Kg-dry	7/21/2015	TAL
Nitrogen, Kjeldahl Total	SM4500-Norg	830		50700 mg/Kg-dry	7/15/2015	PSERIA
Nitrogen, Total	Calculation	832		50700 mg/Kg-dry	7/27/2015	ACERWIN
Paint Filter	EPA 9095B			abs pres/abs	7/9/2015	PSERIA
Percent Moisture	SM2540G	0.1		76 %	7/13/2015	TAL
Percent Soil	SM2540G	0.1		24 %	7/13/2015	TAL
pH	EPA 9045D	1.68		8.40 S.U.	7/9/2015	PSERIA
Phosphate as P, Total	SM4500-P	4155	D2 M3 R1	26300 mg/Kg-dry	7/14/2015	PSERIA
Solids, Total	SM2540G	1		23.9 %	7/13/2015	NSILIDE

QUALIFIERS

D2 Sample diluted due to high concentration.

COMMENTS

R1 RPD exceeded the method acceptance limit. The RPD was high due to matrix. M3 The spk rec value is unusable since the analyte concentration in the sample is disproportionate to the spk level. The associated blk spk rec was acceptable.

REVIEWED BY: Amy L Czerwinski

Date Signed: 8/3/2015



Chain of Custody

Project Manager: Jennifer Hetherington

Order# 150709007		Sampled By: B. Innis/L. Meledez 2	
Customer Name: NWWRP Compliance		Date Sampled: 07-08-15	
Project Name: NWWRP BIOSOLIDS		Time Sampled: SEE BELOW - COHP: 1850	
Receiving Temp: 20C		Comments:	
Sample Number 15020244	NWWRP Biosolids	# of Bottles	Metals: Arsenic, Cadmium, Chromium, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Zinc
Analysis			
Paint Filter	X		
Mercury - SW7471A	X		
Metals - SW6010B	X		
pH	X		
Temperature	X		
Ammonia - 4500NH3D	X		
Nitrate-N - EPA9056	X		
Nitrite-N - EPA9056	X		
TKN - 4500 N ORG C	X		
Phosphorus - 4500-P B,E	X		
% Moisture	X		
% Solids	X		
Cyanide Total - 9014	X		
Total Nitrogen	X		
ICP - Selenium TCLP	x		
		2	
Sampled & Relinquished by:		Sampled & Relinquished by:	
Signature: B. Innis	Time: 13:40	Signature: Luis E. Meledez	Time: 1857
Printed Name: B. Innis	Date: 7/8/15	Printed Name: Luis E. Meledez	Date: 07-08-15
Company Name: City of Mesa		Company Name:	7-9-15
Received by:		Received by:	
Signature: J. Lopez	Time: 1045	Signature:	Time:
Printed Name: J. Lopez	Date: 7/9/15	Printed Name:	Date:
Company Name:		Company Name:	
Sampled & Relinquished by:		Sampled & Relinquished by:	
Signature: J. Lopez	Time: 1300	Signature:	Time:
Printed Name: J. Lopez	Date: 7/9/15	Printed Name:	Date:
Company Name:		Company Name:	
Received by:		Received by:	
Signature:	Time:	Signature: K. Hall	Time: 1306
Printed Name:	Date:	Printed Name: K. Hall	Date: 7/9/15
Company Name:		Company Name:	